
General Health Status

FAIR OR POOR HEALTH STATUS

Definition: Fair or Poor Health Status is defined as respondents who report having fair or poor health from possible response choices of “excellent”, “very good”, “good”, “fair”, or “poor”.

Prevalence of Fair or Poor Health Status

- South Dakota 12.5%
- Nationwide median 14.9%

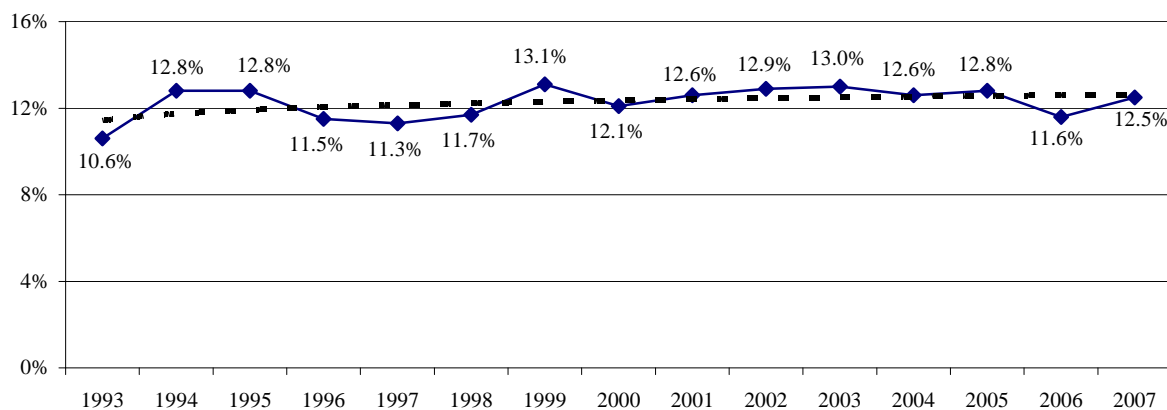
Healthy People 2010 Objective

There was no stated Healthy People 2010 Objective for fair or poor health status.

Trend Analysis

The percentage of respondents reporting fair or poor health status has increased slightly overall since the question was first asked in 1993. In 2007, the percentage was 12.5, an increase from 11.6 percent in 2006.

Figure 63
Percent of Respondents Reporting Fair or Poor Health Status, 1993-2007



Source: The Behavioral Risk Factor Surveillance System, South Dakota Department of Health, 1993-2007

Demographics

- Gender** There were no significant differences between men and women overall or for any demographic group between the two.
- Age** Fair or poor health status generally increases with age as shown by significant increases attained as the 45-54, 55-64, and 75 and older age groups are reached. This association seems to be more evident with males.
- Race** American Indians report a significantly higher prevalence of fair or poor health status than do whites. This racial difference is exhibited in females more than males.

Region	The northeast, central, and American Indian counties regions demonstrate a very high prevalence of those reporting fair or poor health, while the southeast region shows a very low prevalence.
Household Income	The prevalence of fair or poor health status decreases as household income increases. This includes a significant decrease when the household income reaches the \$50,000-\$74,999 income group.
Education	Fair or poor health status decreases as the years of education increases. This includes significant decreases as the high school and college graduate levels are attained.
Employment Status	Those who are employed for wages or self-employed demonstrate a low percentage with fair or poor health, while those who are unable to work show a very high prevalence of those with fair or poor health.
Marital Status	Those who are divorced, separated, or widowed exhibit a very high prevalence of fair or poor health, while those who are married or have never been married show a very low prevalence.

Table 73
Respondents Who Reported Fair or Poor Health Status, 2007

	Total			Male			Female		
	# Resp.	%	95% CI	# Resp.	%	95% CI	# Resp.	%	95% CI
Total	6,851	12.5	(11.5-13.5)	2,809	12.1	(10.8-13.6)	4,042	12.8	(11.6-14.3)
Age									
18-24	238	7.5	(4.3-12.6)	123	6.0	(2.4-13.9)	115	9.1	(4.5-17.4)
25-34	762	5.2	(3.7-7.4)	303	5.0	(2.9-8.6)	459	5.4	(3.5-8.4)
35-44	926	6.7	(5.1-8.8)	421	5.2	(3.3-8.0)	505	8.3	(5.9-11.5)
45-54	1,416	12.1	(10.3-14.2)	599	12.5	(9.9-15.7)	817	11.7	(9.4-14.5)
55-64	1,341	18.8	(16.5-21.3)	569	18.8	(15.5-22.7)	772	18.7	(15.7-22.2)
65-74	1,056	19.5	(16.9-22.4)	420	21.3	(17.2-26.1)	636	17.9	(14.7-21.6)
75+	1,045	27.2	(24.2-30.5)	362	32.0	(26.6-37.9)	683	24.2	(20.7-28.0)
Race									
White	6,007	12.0	(11.0-13.0)	2,467	12.2	(10.7-13.8)	3,540	11.8	(10.5-13.1)
American Indian	589	21.8	(16.6-28.1)	230	16.8	(10.4-26.0)	359	27.0	(19.6-35.8)
Region									
Southeast	1,536	10.2	(8.7-12.0)	643	10.0	(7.9-12.7)	893	10.5	(8.4-13.0)
Northeast	1,489	14.2	(12.3-16.4)	630	14.3	(11.2-18.0)	859	14.2	(11.9-16.8)
Central	1,426	15.6	(13.1-18.5)	577	14.8	(12.0-18.1)	849	16.4	(12.5-21.2)
West	1,531	12.5	(10.7-14.6)	603	11.9	(9.4-15.0)	928	13.0	(10.4-16.0)
American Indian Counties	869	15.7	(13.0-18.8)	356	14.2	(10.6-18.7)	513	17.2	(13.4-21.8)
Household Income									
Less than \$10,000	307	35.4	(26.8-45.0)	101	40.7	(28.8-53.7)	206	32.1	(21.5-45.0)
\$10,000-\$14,999	367	29.4	(23.9-35.5)	122	29.7	(20.9-40.3)	245	29.2	(22.5-36.9)
\$15,000-\$19,999	501	26.4	(20.6-33.1)	178	25.0	(16.7-35.6)	323	27.4	(19.9-36.4)
\$20,000-\$24,999	662	19.9	(15.8-24.7)	231	25.0	(17.8-33.9)	431	16.3	(12.1-21.7)
\$25,000-\$34,999	883	13.2	(10.8-16.1)	388	14.5	(10.9-19.0)	495	11.8	(8.8-15.5)
\$35,000-\$49,999	1,159	10.8	(8.8-13.4)	528	10.2	(7.6-13.6)	631	11.5	(8.4-15.5)
\$50,000-\$74,999	1,068	5.7	(4.5-7.3)	487	5.8	(4.1-8.0)	581	5.7	(4.0-8.1)
\$75,000+	1,034	5.0	(3.7-6.7)	526	5.8	(4.0-8.4)	508	3.8	(2.4-6.1)
Education									
8th Grade or Less	261	30.9	(24.5-38.2)	139	31.1	(22.7-41.1)	122	30.5	(21.8-40.9)
Some High School	378	27.0	(21.1-33.8)	146	24.0	(16.1-34.1)	232	30.1	(22.2-39.4)
High School or G.E.D.	2,268	14.8	(13.0-16.9)	997	15.1	(12.3-18.3)	1,271	14.6	(12.2-17.3)
Some Post-High School	1,923	12.7	(10.9-14.7)	684	10.9	(8.6-13.7)	1,239	14.1	(11.6-17.0)
College Graduate	2,009	5.8	(4.8-6.9)	840	5.8	(4.4-7.7)	1,169	5.7	(4.4-7.3)

Table 73 (continued)									
Respondents Who Reported Fair or Poor Health Status, 2007									
	Total			Male			Female		
	# Resp.	%	95% CI	# Resp.	%	95% CI	# Resp.	%	95% CI
<u>Employment Status</u>									
Employed for Wages	3,201	7.0	(5.9-8.2)	1,289	7.4	(5.8-9.5)	1,912	6.5	(5.3-8.0)
Self-employed	966	9.6	(7.6-12.0)	638	9.6	(7.3-12.6)	328	9.6	(6.5-13.8)
Unemployed	162	24.1	(15.1-36.3)	*	*	*	*	*	*
Homemaker	435	13.5	(9.9-18.0)	*	*	*	*	*	*
Retired	1,654	23.8	(21.4-26.3)	628	25.9	(22.1-30.2)	1,026	22.0	(19.3-25.0)
Unable to Work	324	65.1	(58.1-71.4)	133	62.4	(52.5-71.3)	191	67.5	(57.7-76.0)
<u>Marital Status</u>									
Married/Unmarried Couple	4,117	10.9	(9.8-12.0)	1,816	11.1	(9.7-12.7)	2,301	10.7	(9.2-12.4)
Divorced/Separated	936	20.9	(17.8-24.4)	399	23.6	(18.7-29.2)	537	18.6	(14.8-23.2)
Widowed	1,044	26.0	(23.1-29.1)	177	30.6	(23.4-38.8)	867	25.0	(21.9-28.4)
Never Married	736	8.8	(6.2-12.3)	412	8.8	(5.5-13.9)	324	8.8	(5.4-14.1)

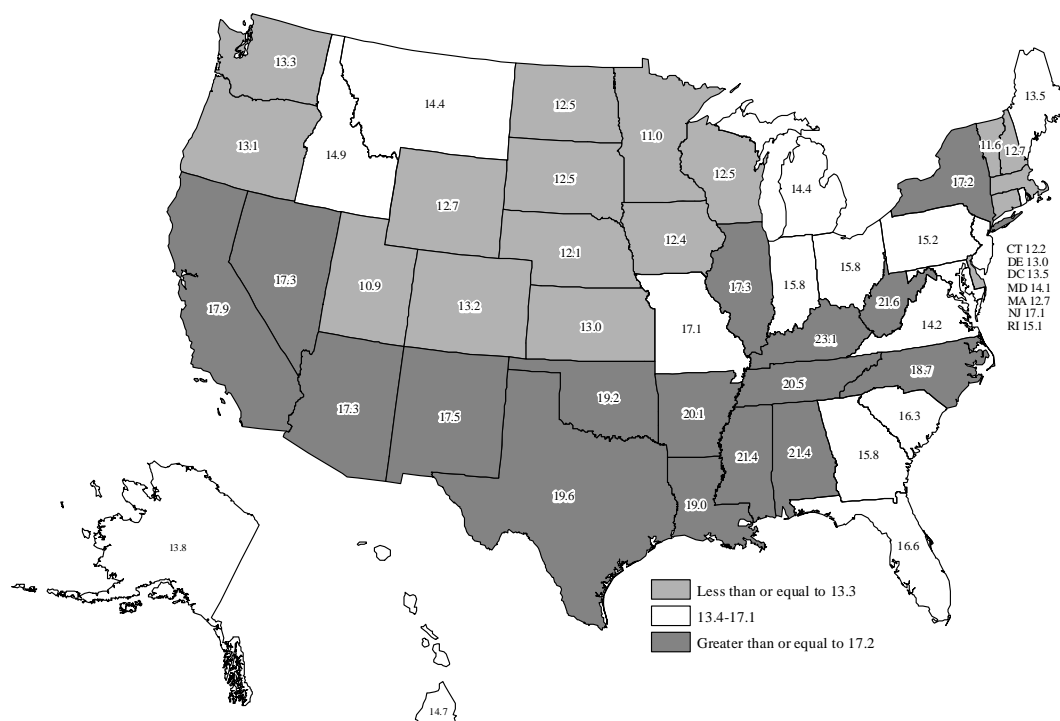
Note: *Results based on sample sizes less than 100 have been suppressed.

Source: The Behavioral Risk Factor Surveillance System, South Dakota Department of Health, 2007

National Statistics

The national median for respondents who reported fair or poor health status was 14.9 percent. South Dakota had 12.5 percent of respondents who reported fair or poor health status. Utah had the lowest percent of respondents who reported fair or poor health status with 10.9 percent, while Kentucky had the highest percent of respondents who reported fair or poor health status with 23.1 percent.

Figure 64
Nationally, Respondents Who Reported Fair or Poor Health Status, 2007



Source: The Behavioral Risk Factor Surveillance System, South Dakota Department of Health, 2007

Further Analysis

Following are data illustrating the percent of those with fair or poor health for various health behaviors and conditions. For example, 22.8 percent of respondents who do not engage in leisure time physical activity report fair or poor health, while 9.5 percent of respondents who engage in leisure time physical activity report fair or poor health.

Table 74			
Fair or Poor Health Status for Selected Health Behaviors and Conditions, 2007			
Health Behavior or Condition	# Respondents	% Fair/Poor Health	95% CI
Obese (BMI = 30.0+)	1,835	19.1	16.9-21.5
Overweight (BMI = 25.0-29.9)	2,554	10.1	8.9-11.5
Recommended Weight (BMI = 18.5-24.9)	2,052	9.2	7.7-11.0
No Leisure Time Physical Activity	1,860	22.8	20.5-25.3
Leisure Time Physical Activity	4,985	9.5	8.5-10.6
No Moderate Physical Activity	3,541	15.8	14.3-17.4
Moderate Physical Activity	2,832	8.1	7.0-9.4
No Vigorous Physical Activity	5,198	14.9	13.7-16.2
Vigorous Physical Activity	1,345	5.1	3.9-6.6
Less Than Five Servings of Fruits and Vegetables	5,359	12.5	11.4-13.6
At Least Five Servings of Fruits and Vegetables	1,363	12.2	10.4-14.3
Current Smoker	1,289	18.1	15.4-21.2
Former Smoker	1,982	15.8	14.1-17.6
Never Smoked	3,568	9.0	7.9-10.3
Smokeless Tobacco Use	306	9.7	6.3-14.6
No Smokeless Tobacco Use	6,257	12.7	11.7-13.7
Diabetes	655	41.7	36.9-46.6
No Diabetes	6,195	10.4	9.5-11.4
Hypertension	2,338	23.8	21.8-25.9
No Hypertension	4,508	8.6	7.6-9.8
High Blood Cholesterol	2,227	20.4	18.5-22.5
No High Blood Cholesterol	3,419	9.7	8.6-10.8
No Health Insurance (18-64)	404	13.1	9.8-17.5
Health Insurance (18-64)	4,028	9.4	8.3-10.6
Employer Based Health Insurance Coverage (18-64)	2,586	6.6	5.5-7.9
Private Health Insurance Plan (18-64)	557	6.0	4.1-8.6
Medicare (18-64)	157	52.1	41.7-62.2
Medicaid or Medical Assistance (18-64)	157	27.5	17.3-40.8
The Military, CHAMPUS, TriCare, or the VA (18-64)	227	15.5	10.5-22.3
The Indian Health Service (18-64)	266	18.9	12.7-27.0
No Flu Shot (65+)	504	20.0	16.2-24.4
Flu Shot (65+)	1,590	24.5	22.2-27.1
No Pneumonia Shot (65+)	722	16.8	13.7-20.4
Pneumonia Shot (65+)	1,293	27.6	24.9-30.5
Doesn't Use Sun Block	4,142	11.5	10.4-12.8
Uses Sun Block	1,609	9.1	7.4-11.1
Doesn't Know Cervical Cancer - HPV Connection (Females)	795	19.3	16.2-22.8
Knows Cervical Cancer - HPV Connection (Females)	3,013	11.7	10.3-13.3
Drank Alcohol in Past 30 Days	3,513	8.7	7.6-10.0
No Alcohol in Past 30 Days	3,294	17.6	16.0-19.4
Binge Drinker	880	6.2	4.4-8.6
Not a Binge Drinker	5,829	13.7	12.7-14.9

Table 74 (continued)
Fair or Poor Health Status for Selected Health Behaviors and Conditions, 2007

Health Behavior or Condition	# Respondents	% Fair/Poor Health	95% CI
Heavy Drinker	220	11.7	6.4-20.7
Not a Heavy Drinker	6,420	12.6	11.6-13.7
Previously Had a Heart Attack	459	47.3	41.7-53.0
Never Had a Heart Attack	6,365	10.7	9.8-11.7
Have Angina or Coronary Heart Disease	400	48.4	42.6-54.2
Do Not Have Angina or Coronary Heart Disease	6,377	10.7	9.7-11.7
Previously Had a Stroke	264	46.3	39.2-53.7
Never Had a Stroke	6,574	11.5	10.5-12.5
Current Asthma	499	27.4	22.4-33.0
Former Asthma	172	11.9	7.6-18.2
Never Had Asthma	6,139	11.2	10.3-12.3
Arthritis	2,427	25.8	23.8-28.0
No Arthritis	4,320	7.5	6.5-8.6
Arthritis - Activities Limited	1,162	41.6	38.0-45.3
No Arthritis - Activities Limited	5,564	7.9	7.1-8.9
Physical Health Not Good for 30 Days of the Past 30	503	66.7	60.5-72.3
Physical Health Not Good for 0-29 Days of the Past 30	6,202	8.9	8.0-9.8
Mental Health Not Good for 20-30 Days of the Past 30	373	39.0	32.6-45.8
Mental Health Not Good for 0-19 Days of the Past 30	6,359	10.9	10.0-11.9
Usual Activities Unattainable for 10-30 Days of the Past 30	491	60.6	54.7-66.2
Usual Activities Unattainable for 0-9 Days of the Past 30	6,299	9.4	8.6-10.4
Dissatisfied / Very Dissatisfied with Life	266	41.2	33.1-49.8
Satisfied / Very Satisfied with Life	6,318	11.3	10.3-12.3
Physical, Mental, or Emotional Disability	1,558	39.3	36.1-42.5
No Physical, Mental, or Emotional Disability	5,221	6.5	5.7-7.5
Disability with Special Equipment Needed	612	48.1	43.3-52.9
No Disability with Special Equipment Needed	6,172	10.1	9.2-11.1
Two or More Hours of TV Watched Per Day	4,874	15.1	13.8-16.4
Less Than Two Hours of TV Watched Per Day	1,585	5.7	4.6-6.9
Never Been Tested for HIV (18-64)	3,441	9.2	8.0-10.5
Been Tested for HIV (18-64)	999	11.1	9.0-13.7
Diarrhea in Past 30 Days	961	21.1	17.9-24.7
No Diarrhea in Past 30 Days	5,605	10.9	9.9-11.9
Military Veteran	1,005	19.2	16.6-22.2
Not a Military Veteran	5,843	11.4	10.4-12.5

Source: The Behavioral Risk Factor Surveillance System, South Dakota Department of Health, 2007

PHYSICAL HEALTH NOT GOOD

Definition: Respondents who report physical health not good for 30 days of the past 30 days, which includes physical illness and injury.

Prevalence of Physical Health Not Good for 30 Days of the Past 30

- South Dakota 5.5%
- There is no nationwide median for physical health not good for 30 days of the past 30 days

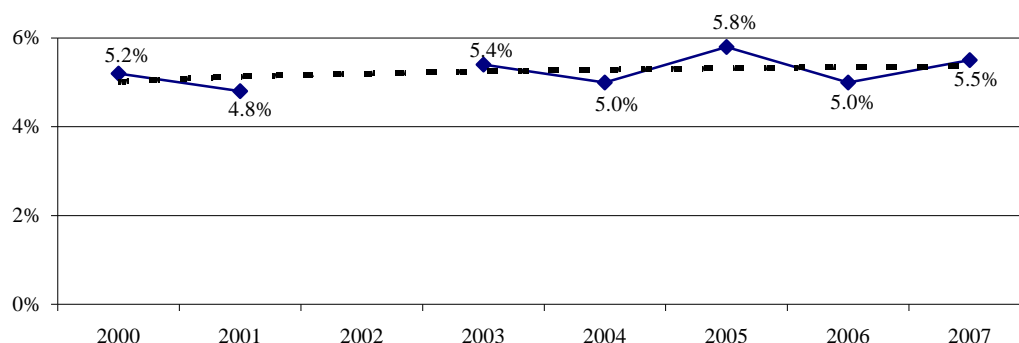
Healthy People 2010 Objective

There was no stated Healthy People 2010 Objective for physical health not good for 30 days of the past 30 days.

Trend Analysis

This question was first asked in 2000 with 5.2 percent of respondents reporting physical health not good for 30 days of the past 30 days. Most recently, there was an increase from 5.0 percent in 2006 to 5.5 percent in 2007.

Figure 65
Percent of Respondents Reporting Physical Health Not Good for 30 Days of the Past 30, 2000-2001 and 2003-2007



Source: The Behavioral Risk Factor Surveillance System, South Dakota Department of Health, 2000-2001 and 2003-2007

Demographics

- Gender** There were no significant differences between men and women overall, or for any demographic group between the two.
- Age** The prevalence of poor physical health generally increases with age. This includes a significant increase as the 55-64 age group is reached. This association is more evident with males.
- Race** American Indians exhibit a significantly higher prevalence of poor physical health than whites. This is especially true for females.
- Region** There were no significant regional differences demonstrated by the available data.

Household Income	Poor physical health decreases as household income increases. This association is more evident in females.
Education	The prevalence of poor physical health generally decreases as education levels increase. This includes a significant decrease as the high school and college graduate education levels are reached.
Employment Status	Those who are unable to work demonstrate a very high percentage with poor physical health, while those who are employed for wages, self-employed, or a homemaker show a very low percentage.
Marital Status	Those who are divorced, separated, or widowed exhibit a very high prevalence of those with poor physical health, while those who are married or have never been married show a very low prevalence.

Table 75 Respondents Who Reported Physical Health Not Good for 30 Days of the Past 30, 2007									
	Total			Male			Female		
	# Resp.	%	95% CI	# Resp.	%	95% CI	# Resp.	%	95% CI
Total	6,719	5.5	(4.9-6.1)	2,770	5.2	(4.3-6.2)	3,949	5.8	(5.0-6.7)
Age									
18-24	235	2.1	(0.9-5.0)	120	1.7	(0.4-6.9)	115	2.6	(0.9-7.4)
25-34	755	1.9	(1.0-3.4)	302	2.5	(1.1-5.2)	453	1.2	(0.5-3.0)
35-44	922	4.0	(2.7-5.9)	418	4.3	(2.4-7.6)	504	3.7	(2.2-6.1)
45-54	1,402	5.1	(3.9-6.5)	595	4.9	(3.3-7.1)	807	5.3	(3.8-7.3)
55-64	1,328	8.5	(6.9-10.4)	566	7.7	(5.6-10.6)	762	9.2	(7.0-12.1)
65-74	1,023	10.8	(8.8-13.3)	408	10.6	(7.6-14.6)	615	11.0	(8.4-14.3)
75+	988	11.3	(9.2-13.7)	349	10.8	(7.6-15.0)	639	11.6	(9.1-14.7)
Race									
White	5,898	5.3	(4.7-5.9)	2,435	4.9	(4.1-5.9)	3,463	5.6	(4.8-6.5)
American Indian	574	8.8	(6.1-12.6)	226	7.1	(3.9-12.8)	348	10.5	(6.6-16.3)
Region									
Southeast	1,510	4.8	(3.9-6.0)	633	5.0	(3.5-6.9)	877	4.7	(3.5-6.2)
Northeast	1,463	5.4	(4.4-6.6)	622	4.6	(3.4-6.3)	841	6.2	(4.7-8.2)
Central	1,391	6.8	(5.0-9.2)	568	6.0	(3.4-10.2)	823	7.5	(5.3-10.6)
West	1,499	5.7	(4.6-7.1)	595	5.0	(3.5-7.0)	904	6.3	(4.7-8.4)
American Indian Counties	856	7.3	(5.1-10.3)	352	8.8	(5.2-14.4)	504	5.7	(3.7-8.7)
Household Income									
Less than \$10,000	301	19.5	(13.6-27.1)	100	18.4	(10.4-30.5)	201	20.2	(12.6-30.7)
\$10,000-\$14,999	353	17.7	(12.7-24.1)	120	17.7	(11.0-27.2)	233	17.7	(11.3-26.7)
\$15,000-\$19,999	484	9.6	(6.7-13.6)	172	8.8	(5.1-14.7)	312	10.2	(6.3-16.1)
\$20,000-\$24,999	647	8.8	(6.2-12.2)	228	9.4	(5.2-16.4)	419	8.3	(5.6-12.1)
\$25,000-\$34,999	878	4.8	(3.4-6.8)	385	5.3	(3.2-8.7)	493	4.3	(2.8-6.5)
\$35,000-\$49,999	1,147	4.3	(3.2-5.9)	525	3.8	(2.3-6.3)	622	4.8	(3.3-7.0)
\$50,000-\$74,999	1,063	2.4	(1.7-3.5)	484	2.9	(1.8-4.6)	579	2.0	(1.1-3.5)
\$75,000+	1,027	2.3	(1.5-3.4)	525	3.0	(1.8-4.9)	502	1.2	(0.6-2.5)
Education									
8th Grade or Less	245	11.0	(7.4-16.2)	134	9.4	(5.4-16.1)	111	14.0	(8.0-23.4)
Some High School	365	12.6	(8.8-17.7)	144	10.0	(5.1-18.4)	221	15.4	(10.3-22.3)
High School or G.E.D.	2,222	6.3	(5.3-7.6)	980	6.0	(4.5-8.1)	1,242	6.7	(5.3-8.4)
Some Post-High School	1,888	5.6	(4.5-7.0)	678	5.2	(3.7-7.2)	1,210	5.9	(4.4-7.9)
College Graduate	1,990	2.9	(2.2-3.8)	832	3.1	(2.0-4.6)	1,158	2.7	(2.0-3.8)
Employment Status									
Employed for Wages	3,178	2.9	(2.2-3.7)	1,282	3.2	(2.2-4.6)	1,896	2.6	(1.8-3.7)
Self-employed	953	2.9	(2.0-4.2)	632	2.5	(1.5-4.2)	321	3.8	(2.2-6.6)
Unemployed	157	8.4	(4.7-14.5)	*	*	*	*	*	*
Homemaker	418	5.4	(3.3-8.5)	*	*	*	*	*	*
Retired	1,589	10.3	(8.7-12.2)	609	9.3	(6.9-12.3)	980	11.2	(9.2-13.7)
Unable to Work	315	43.9	(36.7-51.4)	129	47.6	(37.5-57.8)	186	40.6	(30.8-51.3)

Table 75 (continued)									
Respondents Who Reported Physical Health Not Good for 30 Days of the Past 30, 2007									
	Total			Male			Female		
	# Resp.	%	95% CI	# Resp.	%	95% CI	# Resp.	%	95% CI
<u>Marital Status</u>									
Married/Unmarried Couple	4,058	4.6	(3.9-5.4)	1,793	5.1	(4.1-6.3)	2,265	4.1	(3.3-5.1)
Divorced/Separated	920	11.5	(9.1-14.3)	393	11.2	(7.9-15.6)	527	11.7	(8.6-15.7)
Widowed	1,000	11.4	(9.4-13.8)	173	7.4	(4.1-13.1)	827	12.3	(10.0-15.0)
Never Married	724	3.0	(1.9-4.8)	406	2.3	(1.3-4.0)	318	4.2	(2.1-8.3)

Note: *Results based on sample sizes less than 100 have been suppressed.

Source: The Behavioral Risk Factor Surveillance System, South Dakota Department of Health, 2007

Further Analysis

Following are data illustrating the percent of those with physical health not good for 30 days of the past 30 for various health behaviors and conditions. For example, 15.3 percent of respondents who stated they have diabetes reported physical health not good for 30 days of the past 30, while 4.8 percent of respondents who stated they do not have diabetes reported physical health not good for 30 days of the past 30.

Table 76 Physical Health Not Good for 30 Days of the Past 30 for Selected Health Behaviors and Conditions, 2007			
Health Behavior or Condition	# Respondents	% Physical Health Not Good	95% CI
Obese (BMI = 30.0+)	1,795	8.1	6.8-9.7
Overweight (BMI = 25.0-29.9)	2,510	4.3	3.5-5.3
Recommended Weight (BMI = 18.5-24.9)	2,019	4.7	3.7-6.0
No Leisure Time Physical Activity	1,807	12.3	10.7-14.2
Leisure Time Physical Activity	4,907	3.5	2.9-4.2
No Moderate Physical Activity	3,471	7.2	6.3-8.2
Moderate Physical Activity	2,800	3.4	2.7-4.3
No Vigorous Physical Activity	5,095	6.5	5.8-7.3
Vigorous Physical Activity	1,335	2.4	1.5-3.7
Less Than Five Servings of Fruits and Vegetables	5,261	5.5	4.8-6.2
At Least Five Servings of Fruits and Vegetables	1,338	5.7	4.5-7.4
Current Smoker	1,279	7.6	5.9-9.7
Former Smoker	1,934	8.4	7.1-9.9
Never Smoked	3,493	3.5	2.9-4.2
Smokeless Tobacco Use	302	4.5	2.0-9.7
No Smokeless Tobacco Use	6,142	5.6	5.0-6.3
Diabetes	617	15.3	12.3-18.9
No Diabetes	6,101	4.8	4.2-5.5
Hypertension	2,259	10.5	9.1-12.0
No Hypertension	4,455	3.8	3.2-4.5
High Blood Cholesterol	2,166	8.6	7.3-10.0
No High Blood Cholesterol	3,371	4.7	4.0-5.5
No Health Insurance (18-64)	401	7.3	4.5-11.6
Health Insurance (18-64)	3,998	4.0	3.3-4.7
Employer Based Health Insurance Coverage (18-64)	2,574	2.2	1.6-2.9
Private Health Insurance Plan (18-64)	555	3.4	1.8-6.7
Medicare (18-64)	151	29.9	21.8-39.5
Medicaid or Medical Assistance (18-64)	154	12.8	7.2-21.6
The Military, CHAMPUS, TriCare, or the VA (18-64)	227	8.7	5.5-13.3
The Indian Health Service (18-64)	261	7.7	4.2-13.7

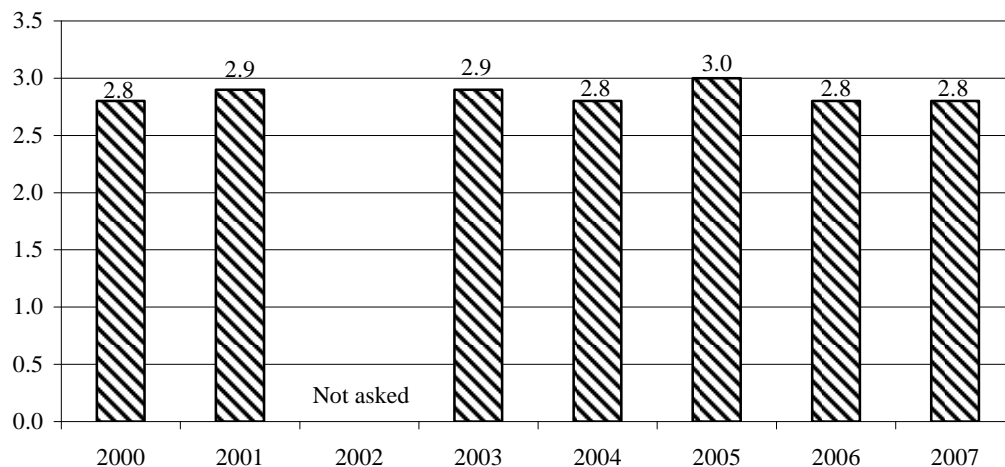
Table 76 (continued)
Physical Health Not Good for 30 Days of the Past 30 for Selected Health Behaviors and Conditions, 2007

Health Behavior or Condition	# Respondents	% Physical Health Not Good	95% CI
No Flu Shot (65+)	485	9.6	7.0-13.0
Flu Shot (65+)	1,520	11.5	9.8-13.5
No Pneumonia Shot (65+)	699	6.5	4.7-8.9
Pneumonia Shot (65+)	1,230	14.2	12.1-16.6
Doesn't Use Sun Block	4,085	4.7	4.0-5.5
Uses Sun Block	1,584	3.6	2.7-4.8
Doesn't Know Cervical Cancer - HPV Connection (Females)	761	8.8	6.6-11.7
Knows Cervical Cancer - HPV Connection (Females)	2,965	5.3	4.5-6.3
Drank Alcohol in Past 30 Days	3,474	3.5	2.8-4.3
No Alcohol in Past 30 Days	3,203	8.3	7.2-9.4
Binge Drinker	873	2.2	1.4-3.6
Not a Binge Drinker	5,706	6.1	5.4-6.9
Heavy Drinker	216	6.3	3.6-11.1
Not a Heavy Drinker	6,299	5.5	4.9-6.1
Previously Had a Heart Attack	440	20.2	16.0-25.1
Never Had a Heart Attack	6,255	4.7	4.1-5.4
Have Angina or Coronary Heart Disease	386	22.9	18.4-28.0
Do Not Have Angina or Coronary Heart Disease	6,269	4.7	4.2-5.4
Previously Had a Stroke	252	19.7	14.3-26.4
Never Had a Stroke	6,454	5.0	4.5-5.7
Current Asthma	484	14.1	10.5-18.7
Former Asthma	169	6.7	3.0-14.1
Never Had Asthma	6,029	4.8	4.2-5.4
Arthritis	2,350	13.4	11.8-15.2
No Arthritis	4,268	2.7	2.1-3.3
Arthritis - Activities Limited	1,124	23.4	20.4-26.6
No Arthritis - Activities Limited	5,473	2.8	2.3-3.3
Fair or Poor Health Status	1,082	30.3	26.9-34.0
Excellent, Very Good, or Good Health Status	5,623	2.1	1.6-2.6
Mental Health Not Good for 20-30 Days of the Past 30	366	24.7	19.5-30.8
Mental Health Not Good for 0-19 Days of the Past 30	6,253	4.3	3.8-4.9
Usual Activities Unattainable for 10-30 Days of the Past 30	483	51.9	46.2-57.6
Usual Activities Unattainable for 0-9 Days of the Past 30	6,196	2.6	2.2-3.0
Dissatisfied / Very Dissatisfied with Life	266	25.8	19.6-33.2
Satisfied / Very Satisfied with Life	6,201	4.7	4.1-5.4
Physical, Mental, or Emotional Disability	1,492	23.8	21.2-26.7
No Physical, Mental, or Emotional Disability	5,159	1.5	1.1-2.0
Disability with Special Equipment Needed	582	34.9	30.3-39.7
No Disability with Special Equipment Needed	6,073	3.7	3.1-4.3
Two or More Hours of TV Watched Per Day	4,785	6.3	5.5-7.1
Less Than Two Hours of TV Watched Per Day	1,564	3.3	2.4-4.6
Never Been Tested for HIV (18-64)	3,408	4.1	3.4-5.0
Been Tested for HIV (18-64)	995	4.3	3.2-5.8
Diarrhea in Past 30 Days	944	9.6	7.5-12.2
No Diarrhea in Past 30 Days	5,503	4.8	4.2-5.4
Military Veteran	985	8.4	6.7-10.6
Not a Military Veteran	5,731	5.0	4.4-5.7

Source: The Behavioral Risk Factor Surveillance System, South Dakota Department of Health, 2007

Figure 66, below, displays the average number of days all respondents stated their physical health was not good for the past 30 days. For all seven years the question was asked the average number of days remained steady.

Figure 66
Average Number of Days Physical Health Not Good in the Past 30 Days,
2000-2001 and 2003-2007



Source: The Behavioral Risk Factor Surveillance System, South Dakota Department of Health, 2000-2001 and 2003-2007

MENTAL HEALTH NOT GOOD

Definition: Respondents who report mental health not good for 20 through 30 days of the past 30 days, which includes stress, depression, and problems with emotions.

Prevalence of Mental Health Not Good for 20-30 Days of the Past 30

- South Dakota 5.0%
- There is no nationwide median for mental health not good for 20 through 30 days of the past 30 days

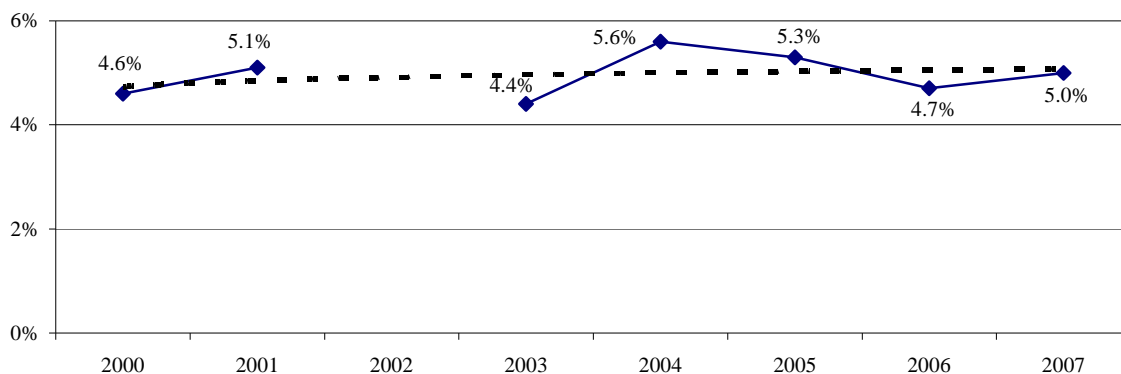
Healthy People 2010 Objective

There was no stated Healthy People 2010 Objective for mental health not good for 20 through 30 days of the past 30 days.

Trend Analysis

The percentage of respondents reporting mental health not good for 20 through 30 days of the past 30 days was first asked in 2000. From 2000 to 2001 the percent of respondents who did not have good mental health for 20 through 30 days of the past 30 days increased. The same pattern was displayed from 2003 to 2004 and 2006 to 2007.

Figure 67
Percent of Respondents Reporting Mental Health Not Good for 20-30 Days of the Past 30, 2000-2001 and 2003-2007



Source: The Behavioral Risk Factor Surveillance System, South Dakota Department of Health, 2000-2001 and 2003-2007

Demographics

Gender	Females exhibit a significantly higher prevalence of poor mental health than males.
Age	The prevalence of poor mental health does not seem to follow a steady pattern as age increases.
Race	American Indians exhibit a significantly higher prevalence of poor mental health than whites. This is especially true for females.
Region	There are no regional differences shown by the available data.
Household Income	The prevalence of poor mental health is higher in the lower income groups.

Education	The prevalence of poor mental health generally decreases as education levels increase. This association is more evident with males.
Employment Status	Those who are unable to work exhibit a very high prevalence of poor mental health, while those who are employed for wages, self-employed, a homemaker, or retired show a very low prevalence of poor mental health.
Marital Status	Those who are divorced or separated demonstrate a very high prevalence of poor mental health, while those who are married, widowed, or have never been married show a very low prevalence.

Table 77
Respondents Who Reported Mental Health Not Good for 20-30 Days of the Past 30, 2007

	Total			Male			Female		
	# Resp.	%	95% CI	# Resp.	%	95% CI	# Resp.	%	95% CI
Total	6,750	5.0	(4.4-5.8)	2,776	4.0	(3.2-5.0)	3,974	6.1	(5.1-7.3)
Age									
18-24	237	3.6	(1.6-7.5)	122	0.9	(0.1-6.3)	115	6.4	(2.8-14.0)
25-34	755	5.3	(3.7-7.4)	302	5.6	(3.2-9.5)	453	4.9	(3.2-7.4)
35-44	921	6.8	(5.0-9.1)	421	5.4	(3.4-8.5)	500	8.2	(5.5-12.0)
45-54	1,403	6.3	(5.0-7.9)	594	4.6	(3.2-6.7)	809	8.0	(6.1-10.5)
55-64	1,326	5.0	(3.8-6.4)	564	4.0	(2.6-6.1)	762	6.0	(4.4-8.3)
65-74	1,035	3.0	(2.0-4.4)	411	2.3	(1.1-4.8)	624	3.5	(2.2-5.6)
75+	1,008	3.4	(2.3-4.9)	350	2.9	(1.5-5.6)	658	3.6	(2.2-5.8)
Race									
White	5,920	4.8	(4.1-5.6)	2,439	3.9	(3.1-5.0)	3,481	5.6	(4.6-6.8)
American Indian	582	8.7	(6.1-12.3)	228	4.3	(2.2-8.3)	354	13.3	(8.9-19.4)
Region									
Southeast	1,519	4.3	(3.2-5.8)	636	2.8	(1.8-4.4)	883	5.8	(3.9-8.4)
Northeast	1,466	4.6	(3.5-5.9)	619	4.1	(2.6-6.3)	847	5.1	(3.7-6.9)
Central	1,407	4.6	(3.3-6.4)	572	2.8	(1.6-4.9)	835	6.2	(4.1-9.3)
West	1,507	6.7	(5.3-8.5)	597	6.5	(4.4-9.6)	910	6.9	(5.2-9.3)
American Indian Counties	851	6.9	(4.8-9.9)	352	5.5	(3.1-9.6)	499	8.3	(5.1-13.3)
Household Income									
Less than \$10,000	304	16.6	(11.2-23.9)	101	17.7	(9.9-29.6)	203	16.0	(9.4-25.9)
\$10,000-\$14,999	354	13.4	(9.1-19.5)	118	16.0	(7.9-29.8)	236	11.9	(7.8-17.8)
\$15,000-\$19,999	490	7.5	(4.7-11.5)	176	2.6	(0.8-7.7)	314	11.0	(6.8-17.4)
\$20,000-\$24,999	654	8.5	(5.2-13.6)	230	6.1	(2.9-12.5)	424	10.1	(5.4-18.1)
\$25,000-\$34,999	871	4.0	(2.4-6.4)	386	3.4	(1.9-6.0)	485	4.6	(2.1-9.7)
\$35,000-\$49,999	1,147	4.8	(3.4-6.7)	520	5.2	(3.2-8.5)	627	4.4	(2.8-6.8)
\$50,000-\$74,999	1,064	3.8	(2.6-5.5)	486	2.2	(1.1-4.2)	578	5.5	(3.4-8.6)
\$75,000+	1,032	2.2	(1.4-3.4)	526	1.7	(0.9-3.3)	506	2.9	(1.7-5.0)
Education									
8th Grade or Less	245	6.0	(3.3-10.5)	132	5.0	(2.1-11.5)	113	7.8	(3.7-15.7)
Some High School	367	6.1	(4.0-9.3)	143	3.0	(1.2-7.3)	224	9.3	(5.8-14.7)
High School or G.E.D.	2,241	6.0	(4.8-7.5)	986	6.2	(4.5-8.5)	1,255	5.8	(4.3-7.8)
Some Post-High School	1,895	5.6	(4.3-7.3)	675	3.3	(2.1-5.0)	1,220	7.4	(5.4-10.1)
College Graduate	1,992	3.2	(2.3-4.5)	837	2.1	(1.3-3.5)	1,155	4.4	(2.9-6.6)
Employment Status									
Employed for Wages	3,172	4.0	(3.2-5.0)	1,282	3.1	(2.2-4.3)	1,890	4.9	(3.7-6.5)
Self-employed	955	4.7	(3.0-7.2)	634	3.8	(2.2-6.5)	321	7.0	(3.4-13.6)
Unemployed	159	11.3	(6.2-19.8)	*	*	*	*	*	*
Homemaker	426	4.1	(2.5-6.7)	*	*	*	*	*	*
Retired	1,615	3.5	(2.5-4.8)	612	3.3	(1.8-5.8)	1,003	3.6	(2.6-5.1)
Unable to Work	315	28.3	(22.1-35.5)	128	23.2	(16.0-32.4)	187	32.9	(23.5-43.8)
Marital Status									
Married/Unmarried Couple	4,079	3.8	(3.2-4.6)	1,800	3.2	(2.3-4.3)	2,279	4.4	(3.5-5.6)
Divorced/Separated	919	12.7	(9.7-16.4)	394	10.7	(6.9-16.1)	525	14.4	(10.2-20.0)
Widowed	1,010	5.4	(4.0-7.2)	170	4.1	(1.7-9.5)	840	5.7	(4.1-7.7)
Never Married	726	5.8	(3.8-8.8)	408	3.8	(2.3-6.4)	318	9.0	(4.8-16.2)

Note: *Results based on sample sizes less than 100 have been suppressed.

Source: The Behavioral Risk Factor Surveillance System, South Dakota Department of Health, 2007

Further Analysis

Following are data illustrating the percent of those with mental health not good for 20 through 30 days of the past 30 for various health behaviors and conditions. For example, 36.9 percent of respondents who are dissatisfied or very dissatisfied with life report mental health not good for 20 through 30 days of the past 30, while 3.8 percent of respondents who are satisfied or very satisfied with life report mental health not good for 20 through 30 days of the past 30.

Table 78
Mental Health Not Good for 20-30 Days of the Past 30 for Selected Health Behaviors and Conditions, 2007

Health Behavior or Condition	# Respondents	% Mental Health Not Good	95% CI
Obese (BMI = 30.0+)	1,811	7.3	5.6-9.4
Overweight (BMI = 25.0-29.9)	2,529	4.6	3.7-5.7
Recommended Weight (BMI = 18.5-24.9)	2,018	3.5	2.6-4.6
No Leisure Time Physical Activity	1,826	7.4	6.1-8.9
Leisure Time Physical Activity	4,919	4.4	3.6-5.3
No Moderate Physical Activity	3,499	5.8	4.8-6.8
Moderate Physical Activity	2,800	4.5	3.6-5.8
No Vigorous Physical Activity	5,119	5.6	4.8-6.6
Vigorous Physical Activity	1,335	3.6	2.5-5.1
Less Than Five Servings of Fruits and Vegetables	5,276	5.0	4.3-5.9
At Least Five Servings of Fruits and Vegetables	1,349	5.4	4.1-7.2
Current Smoker	1,278	9.5	7.6-11.9
Former Smoker	1,948	5.4	4.3-6.7
Never Smoked	3,513	3.3	2.6-4.3
Smokeless Tobacco Use	303	3.6	1.9-6.6
No Smokeless Tobacco Use	6,164	5.2	4.5-6.0
Diabetes	642	9.2	6.8-12.3
No Diabetes	6,107	4.7	4.1-5.5
Hypertension	2,289	6.9	5.7-8.4
No Hypertension	4,456	4.4	3.6-5.3
High Blood Cholesterol	2,191	5.7	4.6-7.0
No High Blood Cholesterol	3,377	4.5	3.7-5.6
No Health Insurance (18-64)	402	11.8	7.6-17.9
Health Insurance (18-64)	3,994	5.0	4.2-5.9
Employer Based Health Insurance Coverage (18-64)	2,567	3.8	3.0-4.7
Private Health Insurance Plan (18-64)	552	3.7	2.3-5.8
Medicare (18-64)	154	13.1	8.1-20.5
Medicaid or Medical Assistance (18-64)	157	17.6	11.0-26.9
The Military, CHAMPUS, TriCare, or the VA (18-64)	224	6.6	4.2-10.4
The Indian Health Service (18-64)	264	6.6	3.7-11.6
No Flu Shot (65+)	484	2.1	1.0-4.5
Flu Shot (65+)	1,553	3.4	2.5-4.6
No Pneumonia Shot (65+)	700	2.0	1.1-3.7
Pneumonia Shot (65+)	1,262	3.3	2.3-4.6
Doesn't Use Sun Block	4,086	5.0	4.1-6.0
Uses Sun Block	1,592	3.7	2.7-5.0
Doesn't Know Cervical Cancer - HPV Connection (Females)	771	7.9	5.6-10.9
Knows Cervical Cancer - HPV Connection (Females)	2,972	5.7	4.6-7.1
Drank Alcohol in Past 30 Days	3,476	4.4	3.6-5.4
No Alcohol in Past 30 Days	3,233	5.8	4.8-7.0
Binge Drinker	874	5.2	3.4-7.7
Not a Binge Drinker	5,740	5.0	4.3-5.8

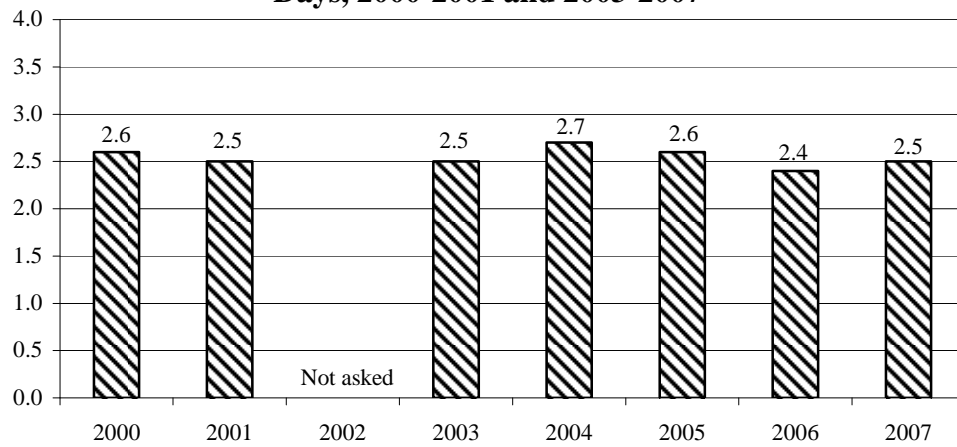
Table 78 (continued)
Mental Health Not Good for 20-30 Days of the Past 30 for Selected Health Behaviors and Conditions, 2007

Health Behavior or Condition	# Respondents	% Mental Health Not Good	95% CI
Heavy Drinker	218	10.2	5.0-19.9
Not a Heavy Drinker	6,328	4.8	4.2-5.6
Previously Had a Heart Attack	447	9.6	6.7-13.5
Never Had a Heart Attack	6,278	4.8	4.1-5.6
Have Angina or Coronary Heart Disease	390	12.3	9.1-16.4
Do Not Have Angina or Coronary Heart Disease	6,291	4.7	4.1-5.5
Previously Had a Stroke	255	12.9	8.7-18.9
Never Had a Stroke	6,482	4.8	4.1-5.6
Current Asthma	490	9.3	6.5-13.0
Former Asthma	168	13.6	5.8-28.6
Never Had Asthma	6,053	4.5	3.9-5.2
Arthritis	2,381	8.8	7.2-10.8
No Arthritis	4,266	3.7	3.1-4.5
Arthritis - Activities Limited	1,133	13.8	11.1-17.1
No Arthritis - Activities Limited	5,498	3.8	3.2-4.5
Fair or Poor Health Status	1,116	15.9	13.2-19.0
Excellent, Very Good, or Good Health Status	5,616	3.5	2.9-4.3
Physical Health Not Good for 30 Days of the Past 30	487	23.3	18.7-28.7
Physical Health Not Good for 0-29 Days of the Past 30	6,132	4.0	3.4-4.7
Usual Activities Unattainable for 10-30 Days of the Past 30	484	30.5	25.4-36.2
Usual Activities Unattainable for 0-9 Days of the Past 30	6,225	3.5	2.9-4.2
Dissatisfied / Very Dissatisfied with Life	256	36.9	29.2-45.4
Satisfied / Very Satisfied with Life	6,238	3.8	3.2-4.5
Physical, Mental, or Emotional Disability	1,520	14.1	11.6-16.9
No Physical, Mental, or Emotional Disability	5,161	3.0	2.5-3.7
Disability with Special Equipment Needed	598	13.4	10.3-17.4
No Disability with Special Equipment Needed	6,087	4.5	3.9-5.3
Two or More Hours of TV Watched Per Day	4,803	5.5	4.7-6.4
Less Than Two Hours of TV Watched Per Day	1,565	4.0	2.7-5.8
Never Been Tested for HIV (18-64)	3,413	4.5	3.7-5.4
Been Tested for HIV (18-64)	992	8.7	6.6-11.3
Diarrhea in Past 30 Days	943	10.6	8.1-13.8
No Diarrhea in Past 30 Days	5,529	4.1	3.5-4.8
Military Veteran	990	4.4	3.2-6.0
Not a Military Veteran	5,757	5.1	4.4-6.0

Source: The Behavioral Risk Factor Surveillance System, South Dakota Department of Health, 2007

Figure 68, on the next page, displays the average number of days all respondents stated their mental health was not good for the past 30 days. For all seven years the question was asked the average number of days ranged from a low of 2.4 days to a high of 2.7 days.

Figure 68
Average Number of Days Mental Health Not Good In the Past 30
Days, 2000-2001 and 2003-2007



Source: The Behavioral Risk Factor Surveillance System, South Dakota Department of Health, 2000-2001 and 2003-2007

USUAL ACTIVITIES UNATTAINABLE

Definition: Respondents who report poor physical or mental health kept them from doing their usual activities for 10 through 30 days of the past 30 days, such as self-care, work, or recreation.

Prevalence of Usual Activities Unattainable for 10-30 Days of the Past 30

- South Dakota 5.7%
- There is no nationwide median for usual activities unattainable for 10 through 30 days of the past 30 days

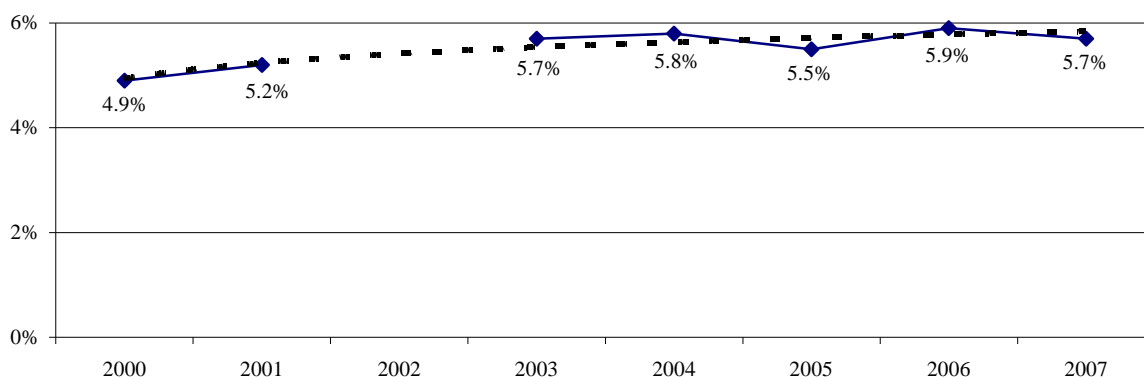
Healthy People 2010 Objective

There was no stated Healthy People 2010 Objective for usual activities unattainable for 10 through 30 days of the past 30 days.

Trend Analysis

The percentage of respondents reporting usual activities unattainable for 10 through 30 days of the past 30 days was first asked in 2000 with 4.9 percent. Overall, the percent of respondents reporting they were unable to do their usual activities 10 through 30 days of the past 30 days has been increasing. In 2006, the percent reached an all time high with 5.9 percent.

Figure 69
Percent of Respondents Reporting Usual Activities Unattainable for 10-30 Days of the Past 30, 2000-2001 and 2003-2007



Source: The Behavioral Risk Factor Surveillance System, South Dakota Department of Health, 2000-2001 and 2003-2007

Demographics

Gender	There is no significant gender difference demonstrated by the available data.
Age	The prevalence of poor health keeping them from their usual activities generally seems to increase as age increases.
Race	American Indians demonstrate a significantly higher prevalence of poor health than do whites. This is especially true for females.
Region	There are no significant regional differences shown with the available data.

Household Income	The prevalence of poor health decreases as income increases. This association is more evident in females.
Education	The prevalence of poor health generally decreases as the education levels increase. This includes significant decreases as the high school and college graduate levels are reached. This association is more evident with males.
Employment Status	Those who are unable to work exhibit a very high prevalence of poor health, while those who are employed for wages or self-employed show a very low prevalence of poor health.
Marital Status	Those who are divorced, separated, or widowed demonstrate a very high prevalence of poor health, while those who are married or who have never been married show a very low prevalence.

Table 79 Respondents Who Reported Usual Activities Unattainable for 10-30 Days of the Past 30, 2007									
	Total			Male			Female		
	# Resp.	%	95% CI	# Resp.	%	95% CI	# Resp.	%	95% CI
Total	6,808	5.7	(5.1-6.4)	2,796	4.9	(4.1-5.9)	4,012	6.4	(5.6-7.4)
Age									
18-24	235	2.4	(1.1-5.1)	121	1.3	(0.3-5.3)	114	3.4	(1.3-8.5)
25-34	761	4.0	(2.7-5.8)	303	3.4	(1.7-6.7)	458	4.6	(2.9-7.1)
35-44	924	4.7	(3.3-6.5)	419	3.7	(2.0-6.7)	505	5.7	(3.8-8.4)
45-54	1,410	6.2	(4.9-7.7)	598	5.5	(3.9-7.7)	812	6.8	(5.0-9.2)
55-64	1,337	7.8	(6.3-9.6)	571	6.7	(4.7-9.3)	766	9.1	(6.9-11.8)
65-74	1,046	9.0	(7.1-11.3)	414	9.7	(6.8-13.6)	632	8.4	(6.1-11.4)
75+	1,029	8.4	(6.7-10.5)	358	8.2	(5.6-11.9)	671	8.4	(6.4-11.1)
Race									
White	5,971	5.5	(4.9-6.2)	2,457	4.9	(4.1-6.0)	3,514	6.1	(5.2-7.1)
American Indian	585	9.8	(6.7-13.9)	228	5.8	(2.8-11.6)	357	13.8	(9.1-20.5)
Region									
Southeast	1,528	4.8	(3.9-6.0)	639	3.9	(2.7-5.6)	889	5.8	(4.4-7.5)
Northeast	1,483	5.4	(4.3-6.7)	628	4.4	(3.1-6.3)	855	6.4	(4.7-8.5)
Central	1,416	6.3	(4.9-8.2)	574	5.4	(3.7-7.9)	842	7.2	(5.0-10.2)
West	1,520	6.8	(5.4-8.4)	602	6.5	(4.6-9.0)	918	7.0	(5.2-9.3)
American Indian Counties	861	7.8	(5.4-11.1)	353	8.3	(4.7-14.1)	508	7.3	(4.6-11.3)
Household Income									
Less than \$10,000	303	22.0	(15.6-30.0)	100	23.0	(14.1-35.3)	203	21.3	(13.3-32.3)
\$10,000-\$14,999	354	16.3	(11.1-23.2)	120	14.8	(8.4-24.8)	234	17.2	(10.4-27.1)
\$15,000-\$19,999	493	10.1	(7.0-14.2)	176	4.9	(2.4-9.9)	317	13.8	(9.2-20.2)
\$20,000-\$24,999	661	7.9	(5.8-10.7)	231	7.6	(4.4-12.7)	430	8.1	(5.6-11.7)
\$25,000-\$34,999	881	5.6	(4.1-7.7)	388	4.5	(2.8-7.3)	493	6.9	(4.5-10.3)
\$35,000-\$49,999	1,157	4.5	(3.3-6.2)	527	4.8	(3.0-7.7)	630	4.2	(2.7-6.3)
\$50,000-\$74,999	1,067	3.3	(2.4-4.6)	487	2.9	(1.8-4.7)	580	3.7	(2.3-5.9)
\$75,000+	1,035	2.5	(1.6-3.8)	528	3.0	(1.7-5.1)	507	1.8	(0.9-3.7)
Education									
8th Grade or Less	255	11.8	(8.0-17.2)	136	10.9	(6.3-18.2)	119	13.5	(7.7-22.7)
Some High School	373	11.0	(7.5-15.9)	145	9.3	(4.7-17.8)	228	12.7	(8.2-19.1)
High School or G.E.D.	2,257	6.0	(4.9-7.2)	992	5.4	(4.1-7.2)	1,265	6.5	(5.1-8.3)
Some Post-High School	1,906	6.2	(5.0-7.6)	680	4.6	(3.3-6.6)	1,226	7.4	(5.6-9.6)
College Graduate	2,005	3.6	(2.8-4.6)	840	3.2	(2.1-4.8)	1,165	3.9	(2.8-5.4)
Employment Status									
Employed for Wages	3,193	3.0	(2.3-3.8)	1,286	2.4	(1.6-3.6)	1,907	3.5	(2.6-4.8)
Self-employed	962	3.7	(2.6-5.3)	638	3.0	(1.8-4.9)	324	5.4	(3.3-8.8)
Unemployed	160	13.1	(7.8-21.1)	*	*	*	*	*	*
Homemaker	432	6.3	(3.9-9.9)	*	*	*	*	*	*
Retired	1,636	8.4	(7.0-10.0)	621	8.0	(5.9-10.7)	1,015	8.7	(6.9-10.9)
Unable to Work	317	45.5	(38.3-53.0)	131	44.4	(34.7-54.5)	186	46.5	(36.0-57.3)

Table 79 (continued)									
Respondents Who Reported Usual Activities Unattainable for 10-30 Days of the Past 30, 2007									
	Total			Male			Female		
	# Resp.	%	95% CI	# Resp.	%	95% CI	# Resp.	%	95% CI
Marital Status									
Married/Unmarried Couple	4,104	5.0	(4.3-5.8)	1,812	4.8	(3.9-6.0)	2,292	5.1	(4.2-6.3)
Divorced/Separated	924	13.1	(10.3-16.5)	394	11.7	(7.8-17.1)	530	14.3	(10.6-18.9)
Widowed	1,031	9.8	(7.9-12.1)	175	8.9	(5.0-15.4)	856	10.0	(8.0-12.5)
Never Married	731	3.0	(1.9-4.8)	410	2.1	(1.1-4.0)	321	4.5	(2.3-8.5)

Note: *Results based on sample sizes less than 100 have been suppressed.

Source: The Behavioral Risk Factor Surveillance System, South Dakota Department of Health, 2007

Further Analysis

Following are data illustrating the percent of those with usual activities unattainable for 10-30 days of the past 30 for various health behaviors and conditions. For example, 8.5 percent of respondents who stated they currently smoke report usual activities unattainable for 10-30 days of the past 30, while 4.0 percent of respondents who never smoked reported usual activities unattainable for 10-30 days of the past 30.

Table 80 Usual Activities Unattainable for 10-30 Days of the Past 30 for Selected Health Behaviors and Conditions, 2007			
Health Behavior or Condition	# Respondents	% Usual Activities Unattainable	95% CI
Obese (BMI = 30.0+)	1,818	7.9	6.6-9.5
Overweight (BMI = 25.0-29.9)	2,548	5.1	4.2-6.2
Recommended Weight (BMI = 18.5-24.9)	2,039	4.2	3.3-5.4
No Leisure Time Physical Activity	1,835	11.9	10.2-13.8
Leisure Time Physical Activity	4,967	3.9	3.3-4.6
No Moderate Physical Activity	3,511	7.4	6.5-8.5
Moderate Physical Activity	2,828	3.6	2.9-4.6
No Vigorous Physical Activity	5,161	6.7	5.9-7.5
Vigorous Physical Activity	1,343	2.6	1.7-3.9
Less Than Five Servings of Fruits and Vegetables	5,327	5.5	4.8-6.2
At Least Five Servings of Fruits and Vegetables	1,355	6.6	5.2-8.4
Current Smoker	1,287	8.5	6.9-10.5
Former Smoker	1,968	7.2	6.0-8.7
Never Smoked	3,540	4.0	3.3-4.8
Smokeless Tobacco Use	306	3.0	1.4-6.1
No Smokeless Tobacco Use	6,217	5.8	5.2-6.6
Diabetes	640	13.8	11.0-17.2
No Diabetes	6,167	5.1	4.5-5.8
Hypertension	2,309	9.3	8.0-10.9
No Hypertension	4,493	4.4	3.8-5.2
High Blood Cholesterol	2,209	7.7	6.6-9.0
No High Blood Cholesterol	3,401	5.5	4.7-6.4
No Health Insurance (18-64)	402	7.8	5.0-12.0
Health Insurance (18-64)	4,018	4.7	4.0-5.5
Employer Based Health Insurance Coverage (18-64)	2,579	2.7	2.1-3.5
Private Health Insurance Plan (18-64)	558	4.6	2.7-7.8
Medicare (18-64)	153	27.4	19.8-36.6
Medicaid or Medical Assistance (18-64)	158	14.7	9.0-23.0
The Military, CHAMPUS, TriCare, or the VA (18-64)	227	8.3	5.3-12.6
The Indian Health Service (18-64)	265	12.2	7.4-19.5

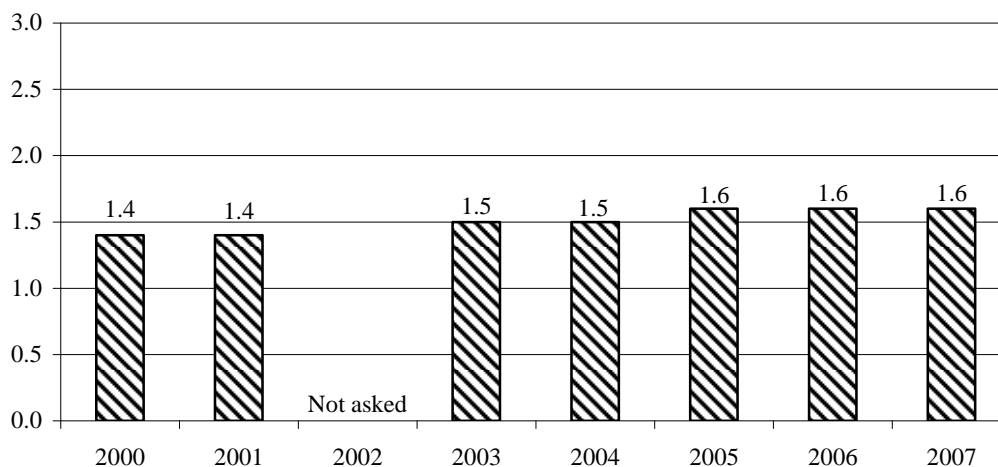
Table 80 (continued)
Usual Activities Unattainable for 10-30 Days of the Past 30 for Selected Health Behaviors and Conditions, 2007

Health Behavior or Condition	# Respondents	% Usual Activities Unattainable	95% CI
No Flu Shot (65+)	492	7.7	5.3-11.0
Flu Shot (65+)	1,576	9.0	7.5-10.7
No Pneumonia Shot (65+)	709	5.9	4.2-8.3
Pneumonia Shot (65+)	1,278	10.4	8.6-12.6
Doesn't Use Sun Block	4,124	4.8	4.1-5.6
Uses Sun Block	1,599	4.6	3.5-6.0
Doesn't Know Cervical Cancer - HPV Connection (Females)	785	7.6	5.5-10.5
Knows Cervical Cancer - HPV Connection (Females)	2,994	6.1	5.2-7.2
Drank Alcohol in Past 30 Days	3,506	3.7	3.0-4.5
No Alcohol in Past 30 Days	3,259	8.3	7.3-9.6
Binge Drinker	878	3.1	2.1-4.6
Not a Binge Drinker	5,789	6.3	5.6-7.1
Heavy Drinker	219	7.0	4.0-12.1
Not a Heavy Drinker	6,377	5.7	5.1-6.4
Previously Had a Heart Attack	454	18.2	14.3-22.9
Never Had a Heart Attack	6,327	5.0	4.4-5.7
Have Angina or Coronary Heart Disease	396	20.7	16.4-25.7
Do Not Have Angina or Coronary Heart Disease	6,341	5.0	4.4-5.7
Previously Had a Stroke	256	16.2	11.5-22.2
Never Had a Stroke	6,540	5.4	4.8-6.0
Current Asthma	490	13.2	9.9-17.4
Former Asthma	171	7.7	3.9-14.5
Never Had Asthma	6,107	5.0	4.4-5.7
Arthritis	2,398	12.6	11.1-14.3
No Arthritis	4,308	3.2	2.6-3.9
Arthritis - Activities Limited	1,140	23.7	20.7-27.0
No Arthritis - Activities Limited	5,547	3.0	2.5-3.5
Fair or Poor Health Status	1,122	27.9	24.6-31.4
Excellent, Very Good, or Good Health Status	5,668	2.6	2.1-3.1
Physical Health Not Good for 30 Days of the Past 30	490	54.9	49.0-60.6
Physical Health Not Good for 0-29 Days of the Past 30	6,189	2.9	2.5-3.4
Mental Health Not Good for 20-30 Days of the Past 30	370	34.4	28.3-41.2
Mental Health Not Good for 0-19 Days of the Past 30	6,339	4.1	3.6-4.7
Dissatisfied / Very Dissatisfied with Life	265	34.8	27.4-43.0
Satisfied / Very Satisfied with Life	6,281	4.6	4.0-5.2
Physical, Mental, or Emotional Disability	1,527	23.7	21.1-26.5
No Physical, Mental, or Emotional Disability	5,213	1.7	1.3-2.2
Disability with Special Equipment Needed	596	31.9	27.4-36.7
No Disability with Special Equipment Needed	6,147	4.0	3.4-4.6
Two or More Hours of TV Watched Per Day	4,846	6.9	6.1-7.8
Less Than Two Hours of TV Watched Per Day	1,576	2.3	1.6-3.2
Never Been Tested for HIV (18-64)	3,429	4.3	3.6-5.1
Been Tested for HIV (18-64)	997	6.7	5.1-8.7
Diarrhea in Past 30 Days	947	10.3	8.2-12.8
No Diarrhea in Past 30 Days	5,579	4.8	4.2-5.5
Military Veteran	1,001	7.8	6.1-9.9
Not a Military Veteran	5,804	5.4	4.7-6.1

Source: The Behavioral Risk Factor Surveillance System, South Dakota Department of Health, 2007

Figure 70, below, displays the average number of days all respondents stated their physical or mental health kept them from doing their usual activities. For all seven years the question was asked, the average number of days remained steady.

Figure 70
Average Number of Days Where Poor Physical or Mental Health Kept Respondent from Doing Usual Activities, 2000-2001 and 2003-2007



Source: The Behavioral Risk Factor Surveillance System, South Dakota Department of Health, 2000-2001 and 2003-2007

DISSATISFIED WITH LIFE

Definition: Respondents who are dissatisfied or very dissatisfied with their life.

Prevalence of Dissatisfied with Life

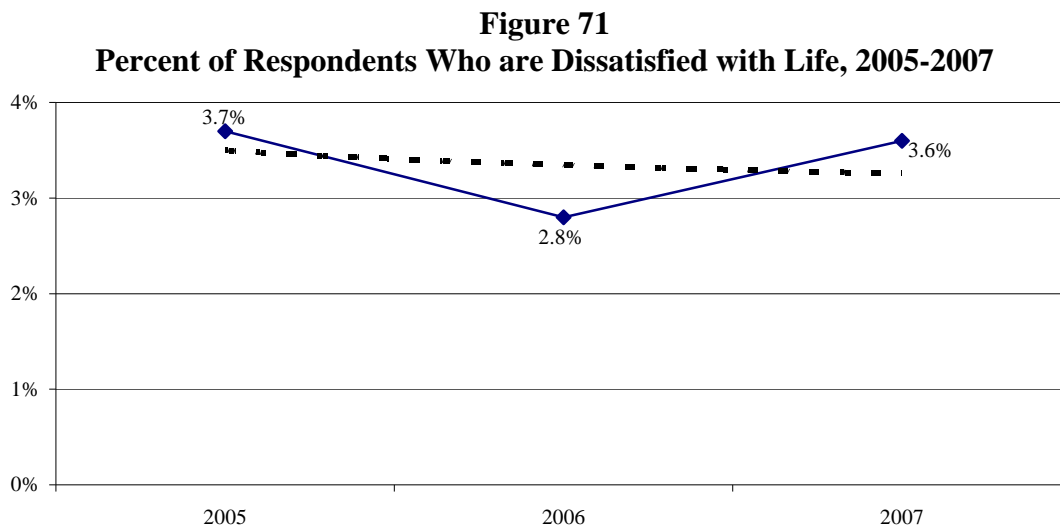
- South Dakota 3.6%
- There is no nationwide median for dissatisfied with life.

Healthy People 2010 Objective

There was no stated Healthy People 2010 Objective for dissatisfied with life.

Trend Analysis

This question was first asked in 2005 with 3.7 percent of respondents stating they are dissatisfied or very dissatisfied with life. This percentage decreased in 2006 to 2.8 percent and increased to 3.6 percent in 2007.



Source: The Behavioral Risk Factor Surveillance System, South Dakota Department of Health, 2005-2007

Demographics

Gender	There are no gender differences observed from the available data in regards to the prevalence of life dissatisfaction.
Age	The prevalence of life dissatisfaction does not seem to follow a pattern as age increases.
Race	There is no significant racial difference observed from the available data.
Region	Females in the southeast, west, and American Indian counties regions exhibit a very high prevalence of life dissatisfaction, while females in the northeast show a very low prevalence. Males do not show any regional differences.
Household Income	The prevalence of life dissatisfaction is much lower in the higher household income groups.

Education	The prevalence of life dissatisfaction generally decreases as education levels increase. This is especially true for females.
Employment Status	Those who are unemployed or unable to work demonstrate a very high prevalence of life dissatisfaction, while those who are employed for wages, self-employed, a homemaker, or retired show a very low prevalence.
Marital Status	Those who are divorced, separated, or have never been married exhibit a very high prevalence of life dissatisfaction, while those who are married show a very low prevalence.

Table 81
Respondents Who Are Dissatisfied with Life, 2007

	Total			Male			Female		
	# Resp.	%	95% CI	# Resp.	%	95% CI	# Resp.	%	95% CI
Total	6,602	3.6	(3.0-4.3)	2,694	3.6	(2.7-4.8)	3,908	3.6	(2.9-4.4)
Age									
18-24	228	4.1	(1.9-8.6)	115	6.3	(2.6-14.5)	113	2.0	(0.4-8.4)
25-34	729	2.5	(1.4-4.2)	285	3.3	(1.6-6.8)	444	1.6	(0.8-2.9)
35-44	893	3.3	(2.2-5.1)	407	2.6	(1.3-5.2)	486	4.1	(2.4-6.8)
45-54	1,357	5.0	(3.9-6.5)	566	4.6	(3.1-6.7)	791	5.5	(3.9-7.6)
55-64	1,302	4.1	(3.0-5.5)	551	2.9	(1.7-4.7)	751	5.4	(3.7-7.6)
65-74	1,022	2.6	(1.7-4.1)	406	1.8	(0.8-3.7)	616	3.4	(2.0-5.8)
75+	1,009	2.4	(1.6-3.6)	353	2.2	(1.1-4.1)	656	2.6	(1.5-4.3)
Race									
White	5,794	3.3	(2.7-4.0)	2,370	3.0	(2.2-4.0)	3,424	3.6	(2.9-4.5)
American Indian	561	4.5	(2.8-7.3)	216	4.7	(2.4-8.7)	345	4.4	(2.1-9.0)
Region									
Southeast	1,465	3.8	(2.9-5.0)	608	3.4	(2.1-5.5)	857	4.2	(3.1-5.7)
Northeast	1,434	2.7	(1.6-4.5)	606	3.8	(1.9-7.4)	828	1.5	(0.9-2.5)
Central	1,370	2.7	(2.0-3.8)	551	2.8	(1.7-4.5)	819	2.7	(1.8-4.1)
West	1,486	4.4	(3.1-6.2)	584	4.2	(2.4-7.1)	902	4.6	(2.9-7.1)
American Indian Counties	847	4.0	(2.5-6.3)	345	3.2	(1.6-6.5)	502	4.8	(2.6-8.6)
Household Income									
Less than \$10,000	297	11.2	(7.0-17.3)	*	*	*	*	*	*
\$10,000-\$14,999	355	10.3	(7.2-14.6)	116	10.7	(6.0-18.3)	239	10.1	(6.4-15.7)
\$15,000-\$19,999	478	4.3	(2.6-6.9)	168	1.4	(0.4-4.8)	310	6.3	(3.7-10.5)
\$20,000-\$24,999	635	5.4	(3.3-8.7)	222	4.5	(1.5-12.7)	413	5.9	(3.6-9.6)
\$25,000-\$34,999	850	2.6	(1.8-3.9)	372	2.3	(1.3-4.1)	478	3.0	(1.8-5.0)
\$35,000-\$49,999	1,123	2.8	(1.8-4.4)	507	2.8	(1.5-5.4)	616	2.8	(1.5-5.1)
\$50,000-\$74,999	1,038	1.6	(0.8-2.9)	471	1.4	(0.4-4.6)	567	1.7	(1.0-3.0)
\$75,000+	1,015	2.2	(1.1-4.4)	518	2.4	(1.1-5.3)	497	1.9	(0.5-7.1)
Education									
8th Grade or Less	244	2.4	(1.1-5.2)	127	0.6	(0.2-2.8)	117	5.5	(2.3-12.5)
Some High School	365	5.9	(3.5-9.9)	143	5.7	(2.3-13.3)	222	6.2	(3.4-11.1)
High School or G.E.D.	2,181	5.2	(4.0-6.9)	961	6.0	(4.0-9.0)	1,220	4.4	(3.2-5.9)
Some Post-High School	1,849	3.3	(2.3-4.7)	650	2.7	(1.4-4.9)	1,199	3.8	(2.5-5.9)
College Graduate	1,952	1.7	(1.2-2.5)	810	1.5	(0.9-2.7)	1,142	1.9	(1.2-3.1)
Employment Status									
Employed for Wages	3,077	3.2	(2.4-4.2)	1,231	3.1	(1.9-4.9)	1,846	3.3	(2.3-4.6)
Self-employed	923	2.1	(1.1-3.9)	613	2.1	(0.9-4.6)	310	2.2	(1.0-4.7)
Unemployed	155	8.8	(5.1-14.7)	*	*	*	*	*	*
Homemaker	427	5.4	(2.9-9.8)	*	*	*	*	*	*
Retired	1,605	2.2	(1.4-3.3)	609	1.8	(0.8-4.2)	996	2.5	(1.6-3.8)
Unable to Work	311	18.5	(13.5-24.8)	126	22.1	(14.2-32.7)	185	15.3	(9.8-23.1)
Marital Status									
Married/Unmarried Couple	3,975	2.2	(1.7-2.9)	1,747	1.8	(1.1-2.8)	2,228	2.7	(2.0-3.6)
Divorced/Separated	893	9.3	(7.0-12.2)	377	9.5	(6.1-14.4)	516	9.1	(6.3-12.9)
Widowed	1,016	4.3	(3.1-6.0)	176	5.6	(2.7-11.2)	840	4.1	(2.8-5.9)
Never Married	702	5.9	(3.7-9.3)	389	7.2	(4.1-12.3)	313	3.9	(1.7-8.9)

Note: *Results based on sample sizes less than 100 have been suppressed.

Source: The Behavioral Risk Factor Surveillance System, South Dakota Department of Health, 2007

Further Analysis

Following are data illustrating the percent of respondents who are dissatisfied with life for various health behaviors and conditions. For example, 13.0 percent of respondents, ages 18-64, with no health insurance report they are dissatisfied with life, while 2.9 percent of respondents, ages 18-64, with health insurance report they are dissatisfied with life.

Table 82 Those Dissatisfied with Life for Selected Health Behaviors and Conditions, 2007			
Health Behavior or Condition	# Respondents	% Dissatisfied with Life	95% CI
Obese (BMI = 30.0+)	1,761	4.5	3.5-5.8
Overweight (BMI = 25.0-29.9)	2,471	3.1	2.2-4.3
Recommended Weight (BMI = 18.5-24.9)	1,983	3.3	2.3-4.8
No Leisure Time Physical Activity	1,768	6.3	5.0-8.0
Leisure Time Physical Activity	4,828	2.8	2.2-3.6
No Moderate Physical Activity	3,499	4.2	3.4-5.1
Moderate Physical Activity	2,805	2.7	1.9-3.9
No Vigorous Physical Activity	5,136	3.9	3.3-4.7
Vigorous Physical Activity	1,340	2.5	1.4-4.3
Less Than Five Servings of Fruits and Vegetables	5,257	3.7	3.1-4.5
At Least Five Servings of Fruits and Vegetables	1,342	2.9	2.0-4.4
Current Smoker	1,233	7.3	5.3-10.0
Former Smoker	1,918	3.7	2.8-4.8
Never Smoked	3,439	2.2	1.7-3.0
Smokeless Tobacco Use	307	2.0	0.8-4.8
No Smokeless Tobacco Use	6,232	3.7	3.0-4.4
Diabetes	637	5.7	3.9-8.1
No Diabetes	5,964	3.4	2.8-4.1
Hypertension	2,242	4.5	3.6-5.7
No Hypertension	4,354	3.2	2.5-4.1
High Blood Cholesterol	2,161	4.0	3.1-5.0
No High Blood Cholesterol	3,299	2.7	2.0-3.5
No Health Insurance (18-64)	402	13.0	8.5-19.4
Health Insurance (18-64)	4,016	2.9	2.3-3.6
Employer Based Health Insurance Coverage (18-64)	2,578	2.2	1.6-3.0
Private Health Insurance Plan (18-64)	557	1.4	0.7-2.8
Medicare (18-64)	156	9.3	5.1-16.2
Medicaid or Medical Assistance (18-64)	156	9.6	4.9-17.7
The Military, CHAMPUS, TriCare, or the VA (18-64)	227	5.5	3.1-9.4
The Indian Health Service (18-64)	264	6.5	3.1-12.9
No Flu Shot (65+)	481	3.6	2.1-6.2
Flu Shot (65+)	1,544	2.2	1.5-3.1
No Pneumonia Shot (65+)	693	2.6	1.6-4.3
Pneumonia Shot (65+)	1,251	2.2	1.5-3.3
Doesn't Use Sun Block	4,132	3.6	2.8-4.5
Uses Sun Block	1,604	2.0	1.3-3.1
Doesn't Know Cervical Cancer - HPV Connection (Females)	789	4.3	2.8-6.5
Knows Cervical Cancer - HPV Connection (Females)	3,003	3.3	2.6-4.3
Drank Alcohol in Past 30 Days	3,384	2.8	2.2-3.7
No Alcohol in Past 30 Days	3,192	4.6	3.6-5.8
Binge Drinker	850	3.5	2.0-6.1
Not a Binge Drinker	5,650	3.6	3.0-4.3
Heavy Drinker	209	7.5	2.9-18.0
Not a Heavy Drinker	6,224	3.4	2.9-4.1

Table 82 (continued)
Those Dissatisfied with Life for Selected Health Behaviors and Conditions, 2007

Health Behavior or Condition	# Respondents	% Dissatisfied with Life	95% CI
Previously Had a Heart Attack	448	6.8	4.6-10.0
Never Had a Heart Attack	6,129	3.4	2.8-4.1
Have Angina or Coronary Heart Disease	387	8.9	6.1-12.7
Do Not Have Angina or Coronary Heart Disease	6,145	3.3	2.7-4.0
Previously Had a Stroke	255	8.1	5.1-12.6
Never Had a Stroke	6,335	3.4	2.8-4.1
Current Asthma	481	6.5	4.2-10.0
Former Asthma	169	2.7	0.9-7.6
Never Had Asthma	5,915	3.3	2.7-4.0
Arthritis	2,372	5.1	4.2-6.3
No Arthritis	4,209	3.0	2.3-3.9
Arthritis - Activities Limited	1,141	9.8	7.8-12.2
No Arthritis - Activities Limited	5,422	2.6	2.0-3.3
Fair or Poor Health Status	1,102	11.9	9.6-14.7
Excellent, Very Good, or Good Health Status	5,482	2.4	1.8-3.1
Physical Health Not Good for 30 Days of the Past 30	481	16.7	12.8-21.4
Physical Health Not Good for 0-29 Days of the Past 30	5,986	2.8	2.2-3.4
Mental Health Not Good for 20-30 Days of the Past 30	354	25.9	20.6-32.0
Mental Health Not Good for 0-19 Days of the Past 30	6,140	2.3	1.8-3.0
Usual Activities Unattainable for 10-30 Days of the Past 30	468	21.6	17.2-26.7
Usual Activities Unattainable for 0-9 Days of the Past 30	6,078	2.4	1.9-3.1
Physical, Mental, or Emotional Disability	1,527	8.7	7.1-10.6
No Physical, Mental, or Emotional Disability	5,063	2.4	1.8-3.1
Disability with Special Equipment Needed	595	9.6	7.1-12.9
No Disability with Special Equipment Needed	6,004	3.2	2.6-3.9
Two or More Hours of TV Watched Per Day	4,861	3.9	3.2-4.7
Less Than Two Hours of TV Watched Per Day	1,580	2.5	1.6-3.9
Never Been Tested for HIV (18-64)	3,426	3.1	2.4-4.0
Been Tested for HIV (18-64)	992	5.3	3.8-7.3
Diarrhea in Past 30 Days	958	7.2	5.2-9.9
No Diarrhea in Past 30 Days	5,585	3.0	2.4-3.7
Military Veteran	969	3.5	2.5-5.0
Not a Military Veteran	5,631	3.6	2.9-4.4

Source: The Behavioral Risk Factor Surveillance System, South Dakota Department of Health, 2007